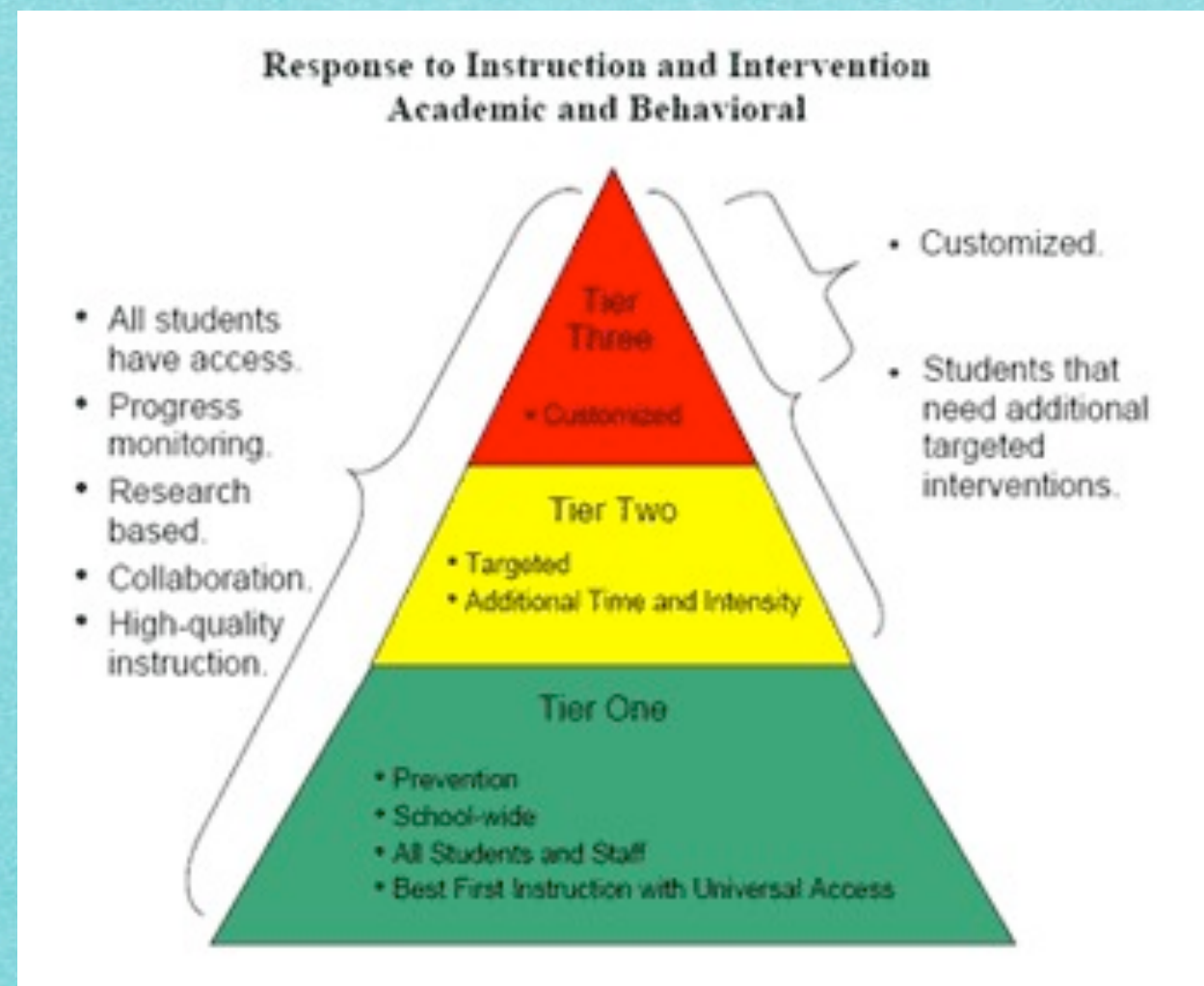


RTI, AT, and UDL

From theory to Practice

Hillary Brumer, CAGS
AT Specialist
RSU 21

RTI-Response to **Intervention**, or Response to **Instruction**?



RTI that incorporates

- ▶ Scientifically-based Instruction
- ▶ Proactive Instructional Design
- ▶ Purposeful Technology

What is UDL?



► What do these things all have in common?

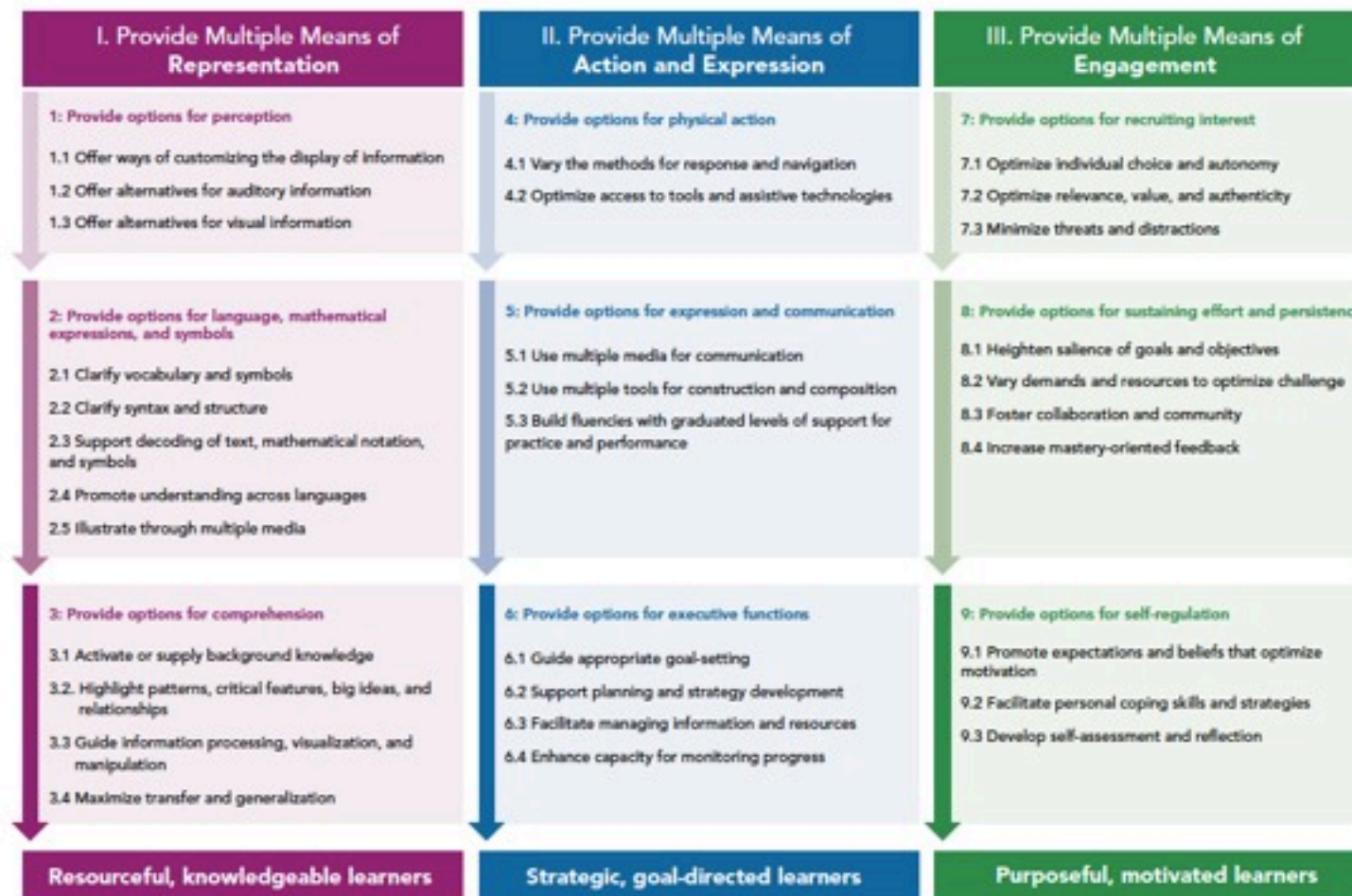


UDL

- ▶ Universal Design for Learning reconceptualizes curriculum design by bringing student diversity to the forefront and supporting the design of curricula that are more flexible and accommodating of diverse students' needs (Rose & Meyer 2002).

The tenets of UDL

Universal Design for Learning Guidelines



© 2011 by CAST. All rights reserved. www.cast.org, www.udlcenter.org
 APA Citation: CAST (2011). Universal design for learning guidelines version 2.0. Wakefield, MA: Author.

Content!!

- ▶ Technology can be used to create more accessible , meaningful content at the outset.
- ▶ Technology can be used to engage students, assess students, and progress monitor students.
- ▶ Technology should be available as a forethought-not an afterthought.

Assistive Technology

- ▶ Assistive Technology (AT) is any device, piece of equipment or product that makes it easier for someone with a disability to live more independently and safely, work at a job, learn in school, get about their community or pursue play and leisure. AT can be custom made or commercially available. -MaineCITE

AT usage in SPED

- ▶ The current limited view of AT neglects the importance of technology as a critical support for students, especially for students with mild disabilities. - (Basham, et. al. 2010).

Typical RTI Framework

- ▶ solid core of scientifically based or research-based instruction for academics and behavior
- ▶ targeted, research-based interventions, delivered in a rapid response to students in need of supplemental intervention
- ▶ the most intensive interventions are provided to students who need them, based on assessments and their performance data- (Basham, et. al. 2010).

A happy marriage?

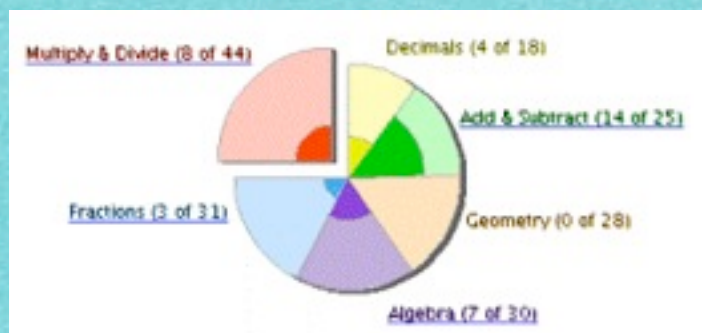
- ▶ The intentional use of school-wide practices across a comprehensive system of instruction, intervention, and technology supports provides a structure that spans three tiers. - (Basham, et. al. 2010).

Educational Technology

Lexia

ALEKS®

symphony
math
a foundation for understanding



Resources

- ▶ <http://www.ldonline.org/article/13002/>
- ▶ <http://www.udlcenter.org>
- ▶ <http://www.cast.org>
- ▶ <http://www.rti4success.org>
- ▶